

ABSTRACT

An active optical cable, comprising an optical cable assembly (10) and an optical module (20). The optical cable assembly (10) comprises a first insertion core (11), the optical module (20) comprises a second insertion core (221), and the first insertion core (11) and the second insertion core (221) are joined in an insertion cavity (31) of an adapter (30), so as to achieve optical signal interaction between the optical cable assembly (10) and the optical module (20). The adapter (30) further has a first adjustment structure (32), a housing further has a second adjustment structure (212), and the first adjustment structure (32) and the second adjustment structure (212) are used for acting in concert to adjust the position of the adapter (30) in a mounting cavity (211), so as to adjust the bending of a connecting optical fiber (222). Adjusting the position of the adapter (30) so as to adjust the connecting optical fiber (222) to be in a relatively relaxed state avoids too small of a bending radius of the connecting optical fiber (222) due to excessive bending of the connecting optical fiber (222), and ensures an optical signal transmission effect.

Fig. 2